

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"6081774".pn. and mining	US-PGPUB; USPAT	OR	OFF	2007/11/16 20:08
L2	0	"6081774".pn. and mine	US-PGPUB; USPAT	OR	OFF	2007/11/16 20:08
L3	1	"6081774".pn.	US-PGPUB; USPAT	OR	OFF	2007/11/16 20:09
L4	0	"6081774".pn. and oars\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 20:25
L5	1	"6081774".pn. and pars\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 20:29
L6	1	"6081774".pn. and cluster	US-PGPUB; USPAT	OR	OFF	2007/11/16 20:39
L7	0	"6081774".pn. and theme	US-PGPUB; USPAT	OR	OFF	2007/11/16 20:39
L8	0	"6081774".pn. and theme\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 20:43
L9	1	"6081774".pn. and pars\$4 same topic\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 20:50
L10	1	"7191131".pn. and tag\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 20:51
L11	0	"7191131".pn. and tag\$4 same (voic\$4 with (character\$6 typ\$5))	US-PGPUB; USPAT	OR	OFF	2007/11/16 20:51
S1	2307	(voic\$4 speech\$4) near3 (recogni\$8 identif\$8) and text\$4to\$4speech\$4 and (group\$4 class\$8)	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:06
S2	319	(voic\$4 speech\$4) near3 (recogni\$8 identif\$8) and text\$4to\$4speech\$4 and (group\$4 class\$8) and syntax\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:06
S3	52	(voic\$4 speech\$4) near3 (recogni\$8 identif\$8) and text\$4to\$4speech\$4 and (group\$4 class\$8) and syntax\$4 and (pars\$4 divi\$7) with them\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:09
S4	1	(voic\$4 speech\$4) near3 (recogni\$8 identif\$8) and text\$4to\$4speech\$4 and (group\$4 class\$8) and syntax\$4 and (pars\$4 divi\$7) with theme\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:11
S5	17	(voic\$4 speech\$4) near3 (recogni\$8 identif\$8) and text\$4to\$4speech\$4 and (group\$4 class\$8) and syntax\$4 and (pars\$4 divi\$7) and theme\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:39
S6	264	(voic\$4 speech\$4) near3 (recogni\$8 identif\$8) and text\$4to\$4speech\$4 and (group\$4 class\$8) and syntax\$4 and (pars\$4 divi\$7)	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:43

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S7	9	(voic\$4 speech\$4) near3 (recogni\$8 identif\$8) and text\$4to\$4speech\$4 and (group\$4 class\$8) and syntax\$4 and (pars\$4 divi\$7) and theme\$4 and (tag tags)	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:42
S8	0	S7 not S5	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:42
S9	162	(voic\$4 speech\$4) near3 (recogni\$8 identif\$8) and text\$4to\$4speech\$4 and (group\$4 class\$8) and syntax\$4 and (pars\$4 divi\$7) and (tag tags)	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:45
S10	1556	(voice\$4 speech\$4) near3 (tag\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:47
S11	391	(voice\$4 speech\$4) near3 (tag\$4) and text\$4to\$4speech\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:48
S12	1	(voice\$4 speech\$4) near3 (tag\$4) and text\$4to\$4speech\$4 and theme\$4 with (pars\$4 divid\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:52
S13	7	(voice\$4 speech\$4) near3 (tag\$4) and text\$4to\$4speech\$4 and theme\$4 and (pars\$4 divid\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:57
S14	5	(voice\$4 speech\$4) near3 (tag\$4) and text\$4to\$4speech\$4 and theme\$4 and (pars\$4 divid\$4) and ((voic\$4 speech\$4) near tag\$5)	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:58
S15	5	(voice\$4 speech\$4) near3 (tag\$4) and text\$4to\$4speech\$4 and theme\$4 and (pars\$4 divid\$4) and ((voic\$4 speech\$4) near typ\$7)	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:58
S16	5	(voice\$4 speech\$4) near3 (tag\$4) and text\$4to\$4speech\$4 and theme\$4 and (pars\$4 divid\$4) and ((voic\$4 speech\$4) near typ\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/03 21:51
S17	1	"5475738".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/03 21:37
S18	1	"5950123".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/03 21:37
S19	0	"5950123".pn. and emotion\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 21:37
S20	0	"5475738".pn. and emotion\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 21:38
S21	1	"7103548".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/03 21:59
S22	1	"7103548".pn. and text\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 21:46
S23	1	"7103548".pn. and them\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 21:47

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S24	1	"20040059577".did. and text near3 element\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 21:48
S25	390	text\$4to\$4speech\$4 and text\$4 near4 (min\$4 group\$4 class\$7 theme\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/03 21:52
S26	390	text\$4to\$4speech\$4 and (text\$4 near4 (min\$4 group\$4 class\$7 theme\$4))	US-PGPUB; USPAT	OR	OFF	2007/01/04 14:48
S27	55	text\$4to\$4speech\$4 and (text\$4 near4 (min\$4 group\$4 class\$7 theme\$4)) and emotion\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 21:54
S28	47	text\$4to\$4speech\$4 and (text\$4 near4 (mine mining group\$4 class\$7 theme\$4)) and emotion\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 21:57
S29	20	((speech\$4 voic\$4 audio audibl\$4) and (present\$8 custom\$) and text\$4).ti.	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:02
S30	5	((speech\$4 voic\$4 audio audibl\$4) and (present\$8 custom\$) and text\$4).ti. and (emotion\$4 sad angry)	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:04
S31	4	((speech\$4 voic\$4 audio audibl\$4) and (present\$8 custom\$) and text\$4).ti. and (emotion\$4 sad angry) and text\$4 with (mine mining them\$4 categor\$8 class\$6 group\$7)	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:05
S32	5	((speech\$4 voic\$4 audio audibl\$4) and (present\$8 custom\$) and text\$4).ti. and (emotion\$4 sad angry) and text\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:04
S33	1362	text\$4 with (mine mining theme\$4 categor\$8 class\$6 group\$7) and (emotion\$4 sad angry joy\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:05
S34	705	text\$4 near4 (mine mining theme\$4 categor\$8 class\$6 group\$7) and (emotion\$4 sad angry joy\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:06
S35	66	text\$4 near4 (mine mining theme\$4 categor\$8 class\$6 group\$7) and (emotion\$4 sad angry joy\$4) and text\$4to\$4speech\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:12
S36	5	((personaliz\$7 custom\$8) and (voic\$4 speech\$4) and messag\$4).ti.	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:14
S37	1	((personaliz\$7 custom\$8) and (voic\$4 speech\$4) and messag\$4).ti. and (emotion\$4 sad\$4 angry\$4 cry\$4 joy\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:13
S38	0	((personaliz\$7 custom\$8) and (voic\$4 speech\$4) and messag\$4).ti. and (emotion\$4 sad angry cry joy\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:13
S39	0	((personaliz\$7 custom\$8) and (voic\$4 speech\$4) and messag\$4 and instant\$4).ti.	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:14

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S40	21	((voic\$4 speech\$4) and messag\$4 and instant\$4).ti.	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:14
S41	575	((voic\$4 speech\$4) and messag\$4).ti.	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:14
S42	25	((voic\$4 speech\$4) and messag\$4).ti. and (emotion\$4 cry sad angry joy\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 09:32
S43	7	((voic\$4 speech\$4) and messag\$4).ti. and (emotion\$4 cry sad angry joy\$4) and text\$4to\$4speech\$4	US-PGPUB; USPAT	OR	OFF	2007/01/03 22:17
S44	125	text with (voic\$4 speech\$4) with (emotion\$4 cry sad angry joy\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 09:34
S45	6	text with (voic\$4 speech\$4) with (emotion\$4 cry sad angry joy\$4) with (mine mining theme\$4 categor\$8 class\$6 group\$7 sort\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 09:36
S46	14	text with (voic\$4 speech\$4) with (mine mining theme\$4 categor\$8 class\$6 group\$7 sort\$4) same (emotion\$4 cry sad angry joy\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 09:36
S47	8	S46 not S45	US-PGPUB; USPAT	OR	OFF	2007/01/04 09:40
S48	329	((data text) and (mine mining)).ti.	US-PGPUB; USPAT	OR	OFF	2007/01/04 09:42
S49	63	((data text) and (mine mining)).ti. and (mine mining theme\$4 categor\$8 class\$6 group\$7 sort\$4) near4 text\$4	US-PGPUB; USPAT	OR	OFF	2007/01/04 09:43
S50	2	((data text) and (mine mining)).ti. and (mine mining theme\$4 categor\$8 class\$6 group\$7 sort\$4) near4 text\$4 same (emotion\$4 happ\$6 joy anger angry)	US-PGPUB; USPAT	OR	OFF	2007/01/04 09:45
S51	2	((data text) and (mine mining)).ti. and (mine mining theme\$4 categor\$8 class\$6 group\$7 sort\$4) near4 text\$4 same (emotion\$4 happ\$6 joy anger angry sad)	US-PGPUB; USPAT	OR	OFF	2007/01/04 09:45
S52	0	((data text) and (mine mining)).ti. and (mine mining theme\$4 categor\$8 class\$6 group\$7 sort\$4) near4 text\$4 same (emotion\$4 happy joy anger angry sad)	US-PGPUB; USPAT	OR	OFF	2007/01/04 11:29
S53	9	(mine mining theme\$4 categor\$8 class\$6 group\$7 sort\$4) near4 text\$4 with (voic\$4 near4 typ\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 09:48
S54	602	text\$4 with (voic\$4 near2 typ\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 09:49

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S55	106	text\$4 with (voic\$4 near2 typ\$4) and text\$4to\$4speech\$4	US-PGPUB; USPAT	OR	OFF	2007/01/04 09:49
S56	0	((data text) and (mine mining)).ti. and (mine mining theme\$4 categor\$8 class\$6 group\$7 sort\$4) near4 text\$4 same (voic\$4 near2 typ\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 11:30
S57	0	((data text) and (mine mining)).ti. and (mine mining theme\$4 categor\$8 class\$6 group\$7 sort\$4) near4 text\$4 same ((voic\$4 speech\$4) near2 typ\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 11:30
S58	1	((data text) and (mine mining)).ti. and (mine mining theme\$4 categor\$8 class\$6 group\$7 sort\$4) near4 text\$4 and ((voic\$4 speech\$4) near2 typ\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 11:56
S59	3512	identif\$7 with text\$4 with document\$4	US-PGPUB; USPAT	OR	OFF	2007/01/04 11:56
S60	394	identif\$7 with text\$4 with document\$4 same (classif\$8 group\$6 categor\$7 theme\$5) with text\$4	US-PGPUB; USPAT	OR	OFF	2007/01/04 11:58
S61	23	identif\$7 with text\$4 with document\$4 same (classif\$8 group\$6 categor\$7 theme\$5) with text\$4 and ((voic\$4 near2 typ\$4) or emotion\$4 or sad or joy\$4 or anger\$4 angry\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 14:36
S62	1	"6622140".PN. and (speech\$4 voic\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 14:34
S63	14	identif\$7 with text\$4 with document\$4 same (topic\$4) with text\$4 and ((voic\$4 near2 typ\$4) or emotion\$4 or sad or joy\$4 or anger\$4 angry\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 14:40
S64	193	(group\$4 class\$5 theme\$4 topic\$4) with text\$4 same ((voic\$4 speech\$4) with typ\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 14:49
S65	16	(group\$4 class\$5 theme\$4 topic\$4) with text\$4 same ((voic\$4 speech\$4) near typ\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 14:50
S66	64	text\$4to\$4speech\$4 near read\$5	US-PGPUB; USPAT	OR	OFF	2007/01/04 14:54
S67	15	text\$4to\$4speech\$4 near reader\$3	US-PGPUB; USPAT	OR	OFF	2007/01/04 14:51
S68	4	text\$4to\$4speech\$4 near reader\$3 and voice\$4 near3 typ\$4	US-PGPUB; USPAT	OR	OFF	2007/01/04 14:51
S69	12	text\$4to\$4speech\$4 near read\$5 and voice\$4 near3 typ\$4	US-PGPUB; USPAT	OR	OFF	2007/01/04 14:53
S70	8	S69 not S68	US-PGPUB; USPAT	OR	OFF	2007/01/04 14:53

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S71	2	text\$4to\$4speech\$4 near read\$5 and emotion\$4	US-PGPUB; USPAT	OR	OFF	2007/01/04 15:02
S72	0	text\$4to\$4speech\$4 near read\$5 and emotion\$4 and (categor\$6 class\$7 theme\$4 topic\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 15:05
S73	1	text\$4to\$4speech\$4 near read\$5 and emotion\$4 and (group\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/04 15:06
S74	1	"20040059577".did.	US-PGPUB; USPAT	OR	OFF	2007/01/04 15:36
S75	1	"20040059577".did. and (wav\$4 carrier\$4 signal\$4 tranmi\$8)	US-PGPUB; USPAT	OR	OFF	2007/01/04 17:11
S76	1	"6622140".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/04 17:11
S77	1	"6622140".pn. and inten\$6	US-PGPUB; USPAT	OR	OFF	2007/01/04 17:11
S78	83	synta\$9 with (pars\$4 segment\$4 divid\$4 division\$4) and text\$4 with (mine\$4 mining\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/19 08:18
S79	47	synta\$9 with (pars\$4 segment\$4 divid\$4 division\$4) and text\$4 with (mine\$4 mining\$4) and voic\$4	US-PGPUB; USPAT	OR	OFF	2007/06/19 08:36
S80	1	synta\$9 with (pars\$4 segment\$4 divid\$4 division\$4) and text\$4 with (mine\$4 mining\$4) and voic\$4 near2 typ\$4	US-PGPUB; USPAT	OR	OFF	2007/06/19 08:19
S81	36	S78 not S79	US-PGPUB; USPAT	OR	OFF	2007/06/19 08:36
S82	14976	voic\$4 near3 typ\$4	US-PGPUB; USPAT	OR	OFF	2007/06/19 09:09
S83	151	voic\$4 near3 typ\$4 with classif\$9	US-PGPUB; USPAT	OR	OFF	2007/06/19 08:57
S84	1	voic\$4 near3 typ\$4 with classif\$9 near4 text\$4	US-PGPUB; USPAT	OR	OFF	2007/06/19 08:57
S85	3	voic\$4 near3 typ\$4 same classif\$9 near4 text\$4	US-PGPUB; USPAT	OR	OFF	2007/06/19 08:58
S86	64	voic\$4 same classif\$9 near4 text\$4	US-PGPUB; USPAT	OR	OFF	2007/06/19 08:59
S87	21	voic\$4 with classif\$9 near4 text\$4	US-PGPUB; USPAT	OR	OFF	2007/06/19 08:59
S88	15824	voic\$4 near3 sound\$7	US-PGPUB; USPAT	OR	OFF	2007/06/19 09:09
S89	61	voic\$4 with emotion\$4 with text\$4	US-PGPUB; USPAT	OR	OFF	2007/06/19 09:32
S90	1	voic\$4 with emotion\$4 with text\$4 and happy near birthday	US-PGPUB; USPAT	OR	OFF	2007/06/19 09:32

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S91	4825	voic\$6 near4 characteristic\$4	US-PGPUB; USPAT	OR	OFF	2007/06/19 10:57
S92	1	"6947893".pn.	US-PGPUB; USPAT	OR	OFF	2007/06/19 14:11
S93	0	"6947893".pn. and text\$4to\$4speech\$4	US-PGPUB; USPAT	OR	OFF	2007/06/19 14:12
S94	0	"6947893".pn. and mining	US-PGPUB; USPAT	OR	OFF	2007/06/19 14:12
S95	0	"6947893".pn. and synta\$9	US-PGPUB; USPAT	OR	OFF	2007/06/19 14:13
S96	0	"6947893".pn. and (syntax\$4 syntact\$9)	US-PGPUB; USPAT	OR	OFF	2007/06/19 14:14
S97	0	"6947893".pn. and (grammar\$4 grammer\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/19 15:53
S98	0	"6947893".pn. and pars\$6	US-PGPUB; USPAT	OR	OFF	2007/06/19 15:53
S99	1	"6947893".pn.	US-PGPUB; USPAT	OR	OFF	2007/06/19 15:53
S10 0	1	"6947893".pn. and (divid\$6 segment\$6)	US-PGPUB; USPAT	OR	OFF	2007/06/19 16:22
S10 1	0	"6947893".pn. and theme\$8	US-PGPUB; USPAT	OR	OFF	2007/06/19 16:22
S10 2	1	("6865572" "6947893").pn. and theme\$8	US-PGPUB; USPAT	OR	OFF	2007/06/19 16:37
S10 3	641	mark\$4 near3 gross\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 11:08
S10 4	1	mark\$4 near3 gross\$4 and text\$4 with speech\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 11:27
S10 5	26280	structur\$4 near3 (segment\$4 pars\$4)	US-PGPUB; USPAT	OR	OFF	2007/11/16 11:32
S10 6	536	structur\$4 near3 (segment\$4 pars\$4) same tag\$5	US-PGPUB; USPAT	OR	OFF	2007/11/16 11:32
S10 7	674	structur\$4 near3 (segment\$4 pars\$4 divid\$4 division\$4 sub\$4divi\$7) same tag\$5	US-PGPUB; USPAT	OR	OFF	2007/11/16 11:33
S10 8	153	structur\$4 near3 (segment\$4 pars\$4 divid\$4 division\$4 sub\$4divi\$7) same tag\$5 same (hierarch\$6 tree\$4)	US-PGPUB; USPAT	OR	OFF	2007/11/16 11:33
S10 9	28	structur\$4 near3 (segment\$4 pars\$4 divid\$4 division\$4 sub\$4divi\$7) same tag\$5 same (hierarch\$6 tree\$4) and text\$4 same speech\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 11:42

## EAST Search History

S11 0	19	structur\$4 near3 (segment\$4 pars\$4 divid\$4 division\$4 sub\$4divi\$7) same tag\$5 same (hierarch\$6 tree\$4) and text\$4 same speech\$4 and (voic\$4)	US-PGPUB; USPAT	OR	OFF	2007/11/16 11:44
S11 1	4	structur\$4 near3 (segment\$4 pars\$4 divid\$4 division\$4 sub\$4divi\$7) same tag\$5 same (hierarch\$6 tree\$4) and text\$4 same speech\$4 and (voic\$4) near3 (typ\$4 character\$8)	US-PGPUB; USPAT	OR	OFF	2007/11/16 18:03
S11 2	1	structur\$4 near3 (segment\$4 pars\$4 divid\$4 division\$4 sub\$4divi\$7) same tag\$5 same (hierarch\$6 tree\$4) and text\$4 same speech\$4 and (voic\$4) near3 (typ\$4 character\$8) and topic\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 11:47
S11 3	1	structur\$4 near3 (segment\$4 pars\$4 divid\$4 division\$4 sub\$4divi\$7) same tag\$5 same (hierarch\$6 tree\$4) and text\$4 same speech\$4 and (voic\$4) near3 (typ\$4 character\$8) and (group\$4 categor\$7)	US-PGPUB; USPAT	OR	OFF	2007/11/16 11:48
S11 4	1	structur\$4 near3 (segment\$4 pars\$4 divid\$4 division\$4 sub\$4divi\$7) same tag\$5 same (hierarch\$6 tree\$4) and text\$4 same speech\$4 and (voic\$4) near3 (typ\$4 character\$8) and cluster\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 11:48
S11 5	1	structur\$4 near3 (segment\$4 pars\$4 divid\$4 division\$4 sub\$4divi\$7) same tag\$5 same (hierarch\$6 tree\$4) and text\$4 same speech\$4 and (voic\$4) near3 (typ\$4 character\$8) and mining	US-PGPUB; USPAT	OR	OFF	2007/11/16 11:49
S11 6	1	structur\$4 near3 (segment\$4 pars\$4 divid\$4 division\$4 sub\$4divi\$7) same tag\$5 same (hierarch\$6 tree\$4) and text\$4 same speech\$4 and (voic\$4) near3 (typ\$4 character\$8) and lexic\$6	US-PGPUB; USPAT	OR	OFF	2007/11/16 11:49
S11 7	1	"7191131".pn.	US-PGPUB; USPAT	OR	OFF	2007/11/16 18:04
S11 8	0	"7191131".pn. and topic\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 18:04
S11 9	1	"7191131".pn. and subject\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 18:05
S12 0	0	"7191131".pn. and group\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 18:05
S12 1	0	"7191131".pn. and cluster\$4	US-PGPUB; USPAT	OR	OFF	2007/11/16 18:11
S12 2	0	"7191131".pn. and (group\$4 cluster\$4)	US-PGPUB; USPAT	OR	OFF	2007/11/16 18:12



## EAST Search History

S12 3	0	"7191131".pn. and affinit\$7	US-PGPUB; USPAT	OR	OFF	2007/11/16 18:12
S12 4	1	"7191131".pn. and similar\$7	US-PGPUB; USPAT	OR	OFF	2007/11/16 18:17
S12 5	15	(group\$4 catergor\$7 cluster\$4) with topic\$4 same syntact\$7	US-PGPUB; USPAT	OR	OFF	2007/11/16 20:08
S12 6	8	(group\$4 catergor\$7 cluster\$4) with topic\$4 same syntact\$7 and lexic\$6	US-PGPUB; USPAT	OR	OFF	2007/11/16 18:48